IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Sean A. McCarthy

Serial No.: 09/263,022

Filed: March 5, 1999

For: *NOVEL HUMAN DICKKOPF-RELATED PROTEIN AND NUCLEIC ACID MOLECULES AND USES THEREFOR*

Attorney Docket No.: MNI-108CP2

Group Art Unit: Not yet assigned

Examiner: Not yet assigned

#11
D.G.J.
5/9/01

Commissioner for Patents
Washington, D.C. 20231

Certificate of First Class Mailing (37 CFR §1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on the date set forth below.

April 6, 2001
Date of Signature and of Mail Deposit

By: D. Ann F. Smith
DeAnn F. Smith, Esq.
Registration No. 36,683
Attorney for Applicant

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicant and his attorney are aware of the following publications and information, listed on the attached PTO Form 1449, and in accordance with 37 C.F.R. §1.97 hereby submit these publications for the Examiner's consideration. A full copy of each cited publication is enclosed.

With respect to at least some of the publications which Applicant has made of record, in particular the GenBank and GenSeq records and BLAST search results listed on the enclosed PTO Form 1449, in order to assist the Examiner in understanding the

relevence of the above-enumerated references in order that he may consider them, the enclosed PTO Form 1449 lists a "publication date" for at least the GenBank records included among references A18-M6. Applicant invites the Examiner's attention to the fact that the "publication date" listed for each of references A18-M6, which are printouts of electronic GenBank and GenSeq database records, corresponds to a date appearing on a printout of the record indicating ***either*** the date the record was first made publicly available ***or*** the date the record was subsequently revised. In the case of revised records, Applicant further invites the Examiner's attention to the fact that earlier versions of such electronic records may have been available prior to the "publication date" appearing on the printed record and listed on the enclosed PTO-1449 Form submitted herewith. However, Applicant is unaware of the content of such earlier versions, and/or of the nature of any data added or revised with each revision of such electronic records.

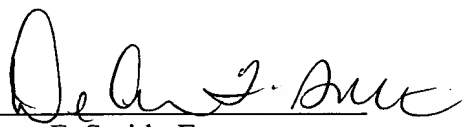
"Authors" have not been provided for the GenBank and GenSeq records cited in the PTO-1449 Forms submitted herewith, as Applicant is unaware of the identity of any particular *person* who may have authored the GenBank and GenSeq records cited. The Examiner is invited to look at the printed copies of the enclosed GenBank and GenSeq records, in particular, to the REFERENCE field of the database record (for GenBank records) or the PN field (for GenSeq records), for the source of the information (*e.g.*, printed publications, direct submissions, or a combination thereof) used to create a particular record. Moreover, neither publication dates nor authors have been listed for the three BLAST reports cited as references M19-N10 in the PTO-1449 Form as these are are not "printed publications" having an "author" or "publication date". Rather, these BLAST reports were generated by the Assignee and have been provided to assist the Examiner in understanding the relevence of the GenBank records cited on the enclosed PTO-1449 Form, as it is from these BLAST reports that Applicant became aware of many of the GenBank references cited on the enclosed PTO-1449 Form. Each BLAST report includes alignments of one of the CRSP/dkk nucleic acid or amino acid sequences

of the invention with various "hits" from the GenBank EST, non-redundant nucleic acid or non-redundant protein database. Applicant suggests that the above information should adequately assist the Examiner in considering references A18 -M6, and M19-N10, and respectfully requests that all of the references be considered.

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation that such publication is prior art. Moreover, Applicant understands that the Examiner will make an independent evaluation of the cited publications.

Under 37 C.F.R. § 1.97(b)(3), no additional costs are believed to be due in connection with the filing of this disclosure. If, however, a first Office Action on the merits issues in this application bearing a mailing date prior to the date of this Information Disclosure Statement, please charge the appropriate fee as required under 37 CFR §1.17(p) to our Deposit Order Account No. 12-0080.

Respectfully submitted,
LAHIVE & COCKFIELD, LLP



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April 6, 2001

Commissioner for Patents
Washington, D.C. 20231

Re: U.S. Patent Application No.: 09/263,022
Title: *NOVEL HUMAN DICKKOPF-RELATED PROTEIN AND NUCLEIC ACID MOLECULES AND USES THEREFOR*
Inventor: Sean A. McCarthy
Filed: March 5, 1999
Our Ref. No.: MNI-108CP2

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Information Disclosure Statement;
2. PTO Form 1449;
3. Full copies of references (270) cited in PTO Form 1449; and
4. A Return Postcard.

No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 12-0080. For this purpose, a duplicate of this sheet is attached.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on:

April 6, 2001
Date

DeAnn F. Smith, Reg. No. 36,683

Respectfully submitted,
LAHIVE & COCKFIELD, LLP

DeAnn F. Smith
Registration No. 36,683
Attorney for Applicant

APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-80	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO	SERIAL NO.
LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		MNI-108CP2	09/263,022
		APPLICANT: Sean A. McCarthy	
		FILING DATE: March 5, 1999	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1	5,168,050	12/1992	Hammonds, Jr. et al.	435	69.1	
	A2	5,525,486	6/1996	Honjo et al.	435	69.1	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	A3	WO 98/27932	7/1998	PCT				
	A4	WO 98/46755	10/1998	PCT				
	A5	WO 99/03990	3/1999	PCT				
	A6	WO 99/06549	2/1999	PCT				
	A7	WO 99/14328	1/1999	PCT				
	A8	WO 99/22000	5/1999	PCT			Abstract	
	A9	WO 99/31236	6/1999	PCT				
	A10	WO 00/18194	3/2000	PCT			Abstract	

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

	A11		Aravind, L. and E.V. Koonin, "A colipase fold in the carboxy-terminal domain of the Wnt antagonists—the Dickkopfs", *Curr. Biol.* 8(14):R477-8 (1998)
	A12		Austin, T.W. *et al.*, "A role for the Wnt gene family in hematopoiesis: Expansion of multilineage progenitor cells", *Blood* 89(10):3624-3635 (1997)
	A13		Barton, "Protein sequence alignment and database scanning" in Protein Structure Prediction, A Practical Approach (IRL Press, Oxford University Press, Oxford, UK, Jan. 1997) pp. 31-63
	A14		Bowie et al. "Deciphering the message in protein sequences: tolerance to amino acid substitutions" *Science* 247(4948):1306-10 (Mar. 16, 1990)
	A15		Cadigan, K.M *et al.*, "Wnt signaling: A common theme in animal development", *Genes & Development* 11:3286-3305 (1997)
	A16		Fedi, P. *et al.*, "Isolation and biochemical characterization of the human Dkk-1 homologue, a novel inhibitor of mammalian Wnt signaling", *J. Biol. Chem.* 274(27):19465-19472 (1999)
	A17		Finch, Paul W. et al. "Purification and molecular cloning of a screted, Frizzled-related antagonist of Wnt action" *Proc. Natl. Acad. Sci. USA* 94(13):6770-75 (June 1997)
	A18		GenBank™ Accession Number 2724106 for RIG-like 7-1 [Homo sapiens][4 Dec. 1997]
	A19		GenBank™ Accession Number 2736292 for mdkk-1 [Mus musculus][10 Feb. 1998]
	A20		GenBank™ Accession Number 2736294 for Xdkk-1 [Xenopus laevis][10 Feb. 1998]
	A21		GenBank™ Accession Number 3660556 for hdkk-4 [Homo sapiens][3 Oct. 1998]

Examiner	Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

	B1		GenBank™ Accession Number 3688630 for hdkk-4 [Homo sapiens][3 Oct. 1998]
	B2		GenBank™ Accession Number A39976 for Sequence 9 from Patent WO942179 [5 March 1997]
	B3		GenBank™ Accession Number AA018255 for Soares retina N2b4HR homo sapiens cDNA clone 361535 5', mRNA sequence [29 Nov. 1996]
	B4		GenBank™ Accession Number AA031969 for Soares_pregnant_uterus_NbHPU Homo sapiens cDNA clone 470646 3', mRNA sequence [21 Aug. 1996]
	B5		GenBank™ Accession Number AA032060 for Soares_pregnant_uterus_NbHPU Homo sapiens cDNA clone IMAGE:470646 5', mRNA sequence [21 Aug. 1996]
	B6		GenBank™ Accession Number AA035345 for Soares_pregnant_uterus_NbHPU Homo sapiens cDNA clone IMAGE:471479 3', mRNA sequence [10 May 1997]
	B7		GenBank™ Accession Number AA035443 for Soares_pregnant_uterus_NbHPU Homo sapiens cDNA clone IMAGE:471724 3', mRNA sequence [10 May 1997]
	B8		GenBank™ Accession Number AA035583 for Soares_pregnant_uterus_NbHPU Homo sapiens clone IMAGE:471724 5', mRNA sequence [10 May 1997]
	B9		GenBank™ Accession Number AA037322 for Soares_senescent_fibroblasts_NbHSF Homo sapiens cDNA clone 325915 5', mRNA sequence [25 Nov. 1996]
	B10		GenBank™ Accession Number AA041360 for Soares_fetal_heart_NbHH19W Homo sapiens cDNA clone 376472 3', mRNA sequence [1 Feb. 1997]
	B11		GenBank™ Accession Number AA042806 for Soares_pregnant_uterus_NbHPU Homo sapiens cDNA clone IMAGE:486515 3', mRNA sequence [4 Sept. 1996]
	B12		GenBank™ Accession Number AA043027 for Soares_pregnant_uterus_NbHPU Homo sapiens cDNA clone IMAGE:486515 5', mRNA sequence [4 Sept. 1996]
	B13		GenBank™ Accession Number AA063859 for Stratagene mouse testis (#937309) Mus musculus cDNA clone 514640 5' similar to TR:G517093 G517093 HYPOTHETICAL 39.2 KD PROTEIN; mRNA sequence [3 Feb. 1997]
	B14		GenBank™ Accession Number AA065307 for Testis 5 Homo sapiens cDNA clone a03500 5' end, mRNA sequence [31 Dec. 1996]
	B15		GenBank™ Accession Number AA073904 for Stratagene mouse heart (#937316) Mus musculus cDNA clone 536577 5', mRNA sequence [15 Feb. 1997]
	B16		GenBank™ Accession Number AA088618 for Soares_pregnant_uterus_NbHPU Homo sapiens cDNA clone IMAGE:487642 5', mRNA sequence [24 Oct. 1996]
	B17		GenBank™ Accession Number AA107210 for Stratagene mouse testic (#937308) Mus musculus cDNA clone IMAGE:516168 5' similar to TR:G517093 G517093 HYPOTHETICAL 39.2 kd protein; mRNA sequence [3 Feb. 1997]
	B18		GenBank™ Accession Number AA115249 for Soares_pregnant_uterus_NbHPU Homo sapiens cDNA clone IMAGE:501425 3', mRNA sequence [14 May 1997]
	B19		GenBank™ Accession Number AA115337 for Soares_pregnant_uterus_NbHPU Homo sapiens cDNA clone 501425 5', mRNA sequence [14 May 1997]
	B20		GenBank™ Accession Number AA129488 for Stratagene lung carcinoma 937218 Homo sapiens cDNA clone IMAGE:564360 3', mRNA sequence [19 May 1997]

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		FILING DATE: March 5, 1999	GROUP

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

	C1		GenBank™ Accession Number AA136192 for Soares_pregnant_uterus_NbHPU Homo sapiens cDNA clone IMAGE:490113 5', mRNA sequence [30 Nov. 1996]
	C2		GenBank™ Accession Number AA137219 for Soares_pregnant_uterus_NbHPU Homo sapiens cDNA clone IMAGE:490113 3', mRNA sequence [30 Nov. 1996]
	C3		GenBank™ Accession Number AA143670 for Stratagaene pancreas (#937208) Homo sapiens cDNA clone IMAGE:591770 5', mRNA sequence [4 Dec. 1996]
	C4		GenBank™ Accession Number AA155928 for Stratagene endothelial cell 937223 Homo sapiens cDNA clone 590026 5', mRNA sequence [11 Dec. 1996]
	C5		GenBank™ Accession Number AA207078 for NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:682716 5', mRNA sequence [13 Aug. 1997]
	C6		GenBank™ Accession Number AA209468 for Stratagene hNT neuron (#937233) Homo sapiens cDNA clone 648310 3', mRNA sequence [12 March 1998]
	C7		GenBank™ Accession Number AA220766 for Soares mouse 3NME12 5 Mus musculus cDNA clone IMAGE:660068 5', mRNA sequence [10 Feb. 1997]
	C8		GenBank™ Accession Number AA237194 for Soares mouse NML Mus musculus cDNA clone IMAGE:678567 5' similar to gb:U11248 Mus musculus C57BL/6J ribosomal protein S28 mRNA, complete (MOUSE), mRNA sequence [3 March 1997]
	C9		GenBank™ Accession Number AA253446 for Soares_NhHMPu_S1 Homo sapiens cDNA clone IMAGE:669375 5', mRNA sequence [12 March 1997]
	C10		GenBank™ Accession Number AA253464 for Soares_NhHMPu_S1 Homo sapiens cDNA clone 669375 3', mRNA sequence [12 March 1997]
	C11		GenBank™ Accession Number AA259742 for Soares mouse 3NME12 5 Mus musculus cDNA clone IMAGE:734543 5' similar to gb:U11248 Mus musculus C57BL/6J ribosomal protein S28 mRNA, complete (MOUSE), mRNA sequence [18 March 1997]
	C12		GenBank™ Accession Number AA265561 for Soares mouse lymph node NbMLN Mus musculus cDNA clone 718668 5' similar to TR:G517093 G517093 HYPOTHETICAL 39.2 KD PROTEIN; mRNA sequence [20 March 1997]
	C13		GenBank™ Accession Number AA269333 for Soares mouse 3NME12 5 Mus musculus cDNA clone IMAGE:733911 5', mRNA sequence [26 March 1997]
	C14		GenBank™ Accession Number AA273430 for Soares mouse lymph node NbMLN Mus musculus cDNA clone IMAGE:764999 5, mRNA sequence [28 March 1997]
	C15		GenBank™ Accession Number AA292828 for Soares_testis_NHT Homo sapiens cDNA clone IMAGE:727099 5', mRNA sequence [12 Aug. 1997]
	C16		GenBank™ Accession Number AA304984 for Colon carcinoma (Caco-2) cell line II Homo sapiens cDNA 5' end, mRNA sequence [18 April 1997]
	C17		GenBank™ Accession Number AA336797 for Enbdometrial tumor Homo sapiens cDNA 5' end, mRNA sequence [21 April 1997]
	C18		GenBank™ Accession Number AA351624 for Infant brain Homo sapiens cDNA 5' end similar to RIG, mRNA sequence [21 April 1997]
	C19		GenBank™ Accession Number AA371363 for Prostate gland I Homo sapiens cDNA 5' end, mRNA sequence [21 April 1997]

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	D1		GenBank™ Accession Number AA393069 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:727624 5', mRNA sequence [12 Aug. 1997]
	D2		GenBank™ Accession Number AA397836 for Soares_testis_NHT Homo sapiens cDNA clone 728407 5' similar to TR:G517093 G517093 HYPOTHETICAL 39.2 KD PROTEIN; mRNA sequence [16 May 1997]
	D3		GenBank™ Accession Number AA402127 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:727430 5', mRNA sequence [12 Aug. 1997]
	D4		GenBank™ Accession Number AA405079 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:731664 5', mRNA sequence [12 Aug. 1997]
	D5		GenBank™ Accession Number AA425947 for Soares_total_fetus_Nb2HF8_9w Homo sapiens cDNA clone 760299 3', mRNA sequence [16 Oct. 1997]
	D6		GenBank™ Accession Number AA426107 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:743011 5', mRNA sequence [16 Oct. 1997]
	D7		GenBank™ Accession Number AA431512 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:782156 5', mRNA sequence [22 May 1997]
	D8		GenBank™ Accession Number AA497850 for Stratagene mouse testis (#937308) Mus musculus cDNA clone 917486 5' similar to TR:G517093 G517093 HYPOTHETICAL 39.2 KD PROTEIN; mRNA sequence [1 July 1997]
	D9		GenBank™ Accession Number AA497886 for Strategene mouse testis (#937308) Mus musculus cDNSA clone 917858 5' similar to TR:G517093 G517093 HYPOTHETICAL 39.2 KD PROTEIN; mRNA sequence [1 July 1997]
	D10		GenBank™ Accession Number AA522097 for Barstead mouse proximal colon MPLRB6 Mus musculus cDNA clone IMAGE:903996 5' similar to gb:U11248 Mus musculus C57BL/6J ribosomal protein S28 mRNA, complete (MOUSE), mRNA sequence [17 July 1997]
	D11		GenBank™ Accession Number AA528575 for NCI_CGAP_Kid1 Homo sapiens cDNA clone IMAGE:912545 similar to SW:RL37_HUMAN PO2403 60S RIBOSOMAL PROTEIN L37, mRNA sequence [20 August 1997]
	D12		GenBank™ Accession Number AA538551 for Knowles Solter mouse blastocyst B1 Mus musculus cDNA clone IMAGE:932825 5' similar to gb:U11248 Mus musculus C57BL/6J ribosomal protein S28 mRNA, complete (MOUSE), mRNA sequence [29 July 1997]
	D13		GenBank™ Accession Number AA565546 for NCI_CGAP_GC2 Homo sapiens cDNA clone IMAGE:1016173 3', mRNA sequence [8 Sept. 1997]
	D14		GenBank™ Accession Number AA616966 for Barstead mouse proximal colon MPLRB6 Mus musculus cDNA clone IMAGE:904368 5', mRNA sequence [7 Oct. 1997]
	D15		GenBank™ Accession Number AA619642 Knowles Solter mouse blastocyst B1 Mus musculus cDNA clone IMAGE:962896 5' similar to TR:G517093 G517093 HYPOTHETICAL 39.2 KD PROTEIN, mRNA sequence [9 Oct. 1997]
	D16		GenBank™ Accession Number AA628979 for Soares testis NHT Homo sapiens cDNA clone 743604 3' similar to TR:G517093 G517093 HYPOTHETICAL 39.2 KD PROTEIN; mRNA sequence [16 Oct. 1997]
	D17		GenBank™ Accession Number AA641247 for NCI_CGAP_Pr24 Homo sapiens cDNA clone IMAGE:1173698 3', mRNA sequence [27 Oct. 1997]

Examiner	Date Considered

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		FILING DATE: March 5, 1999	GROUP

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

	E1		GenBank™ Accession Number AA653979 for NCI_CGAP_Pr25 Homo sapiens cDNA clone IMAGE:1198589 3', mRNA sequence [13 Nov. 1997]
	E2		GenBank™ Accession Number AA689611 for Barstead mouse irradiated colon MPLRB7 Mus musculus cDNA clone IMAGE:1137654 5', mRNA sequence [16 Dec. 1997]
	E3		GenBank™ Accession Number AA691908 for Barstead mouse myotubes MPLRB5 Mus musculus cDNA clone 1163091 5' similar to gb:U11248 Mus musculus C57BL/6J ribosomal protein S28 mRNA, complete (MOUSE) [16 Dec. 1997]
	E4		GenBank™ Accession Number AA692959 for Knowles Solter mouse 2 cell Mus musculus cDNA clone 1125007 5', mRNA sequence [16 Dec. 1997]
	E5		GenBank™ Accession Number AA693679 for Soares_fetal_liver_spleen_1NFLS_S1 Homo sapiens cDNA clone IMAGE:434242 3', mRNA sequence [16 Dec. 1997]
	E6		GenBank™ Accession Number AA710868 for Barstead mouse irradiated colon MPLRB7 Mus musculus cDNA clone IMAGE:1166873 5', mRNA sequence [24 Dec. 1997]
	E7		GenBank™ Accession Number AA731642 for NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:1251357 3', mRNA sequence [27 Jan. 1998]
	E8		GenBank™ Accession Number AA741294 for NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:1286515 3' similar to SW:ANP2_AUSBR P12101 ANTIFREEZE PEPTIDE AB2. [1], mRNA sequence [7 Feb. 1998]
	E9		GenBank™ Accession Number AA765298 for NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:1303697 3', mRNA sequence [8 Feb. 1998]
	E10		GenBank™ Accession Number AA770231 Soares_testis_NHT Homo sapiens cDNA clone 1322151 3', mRNA sequence [28 Jan. 1998]
	E11		GenBank™ Accession Number AA774161 for Stratagene hNT neuron (#937233) Homo sapiens cDNA clone IMAGE:858573 3', mRNA sequence [29 Jan. 1998]
	E12		GenBank™ Accession Number AA815342 Soares_testis_NHT Homo sapiens cDNA clone 1375447 3', mRNA sequence [13 Feb. 1998]
	E13		GenBank™ Accession Number AA826797 for NCI_CGAP_Pr24 Homo sapiens cDNA clone IMAGE:1174528 3', mRNA sequence [5 March 1998]
	E14		GenBank™ Accession Number AA854987 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1394074 3', mRNA sequence [6 March 1998]
	E15		GenBank™ Accession Number AA868111 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1407610 3' similar to contain element MSR1 repetitive element, mRNA sequence [16 March 1998]
	E16		GenBank™ Accession Number AA991644 for NCI_CGAP_GC2 Homo sapiens cDNA clone IMAGE:1612003 3', mRNA sequence [3 June 1998]
	E17		GenBank™ Accession No. AAB92664 for RIG-like 7-1 [28 Dec. 1997]
	E18		GenBank™ Accession No. AAC02426 for mdkk-1 [10 Feb. 1998]
	E19		GenBank™ Accession No. AAC02427 for Xdkk-1 [10 Feb. 1998]

Examiner	Date Considered

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OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

	F1		GenBank™ Accession No. AAD21087 for Sk/Dkk-1 protein precursor [29 June 1999]
	F2		GenBank™ Accession No. AAD22461 for dickkopf-1[31 March 1999]
	F3		GenBank™ Accession No. AAF02674 for dickkopf-1 [16 Oct. 1999]
	F4		GenBank™ Accession No. AAF02675 for dickkopf-2 [16 Oct. 1999]
	F5		GenBank™ Accession No. AAF02676 for dickkoff-3 [16 Oct. 1999]
	F6		GenBank™ Accession No. AAF02677 for dickkopf-4 [16 Oct. 1999]
	F7		GenBank™ Accession No. AAF02678 for soggy-1 protein [16 Oct. 1999]
	F8		GenBank™ Accession No. AAF02679 for soggy-1 protein [16 Oct. 1999]
	F9		GenBank™ Accession No. AAF02680 for Dkk-3 protein [16 Oct. 1999]
	F10		GenBank™ Accession Number AB003095 for Fruitfly strain SI259 mitochondrial DNA, A+T-rich region, partial sequence [17 Sept. 1997]
	F11		GenBank™ Accession Number AB003097 for Fruitfly strain g20 mitochondrial DNA, A+T-rich region, partial sequence [17 Sept. 1997]
	F12		GenBank™ Accession Number AB005216 for Homo sapiens mRNA for Nck, Ash and phospholipase C gamma-binding protein NAP4, partial cds [14 Nov. 1997]
	F13		GenBank™ Accession No. AB017788 for Homo sapiens hdkk-4 mRNA, complete cds. [3 Oct. 1998]
	F14		GenBank™ Accession No. AB018003 for Homo sapiens hdkk-4 gene, exon-1, partial sequence [3 Oct. 1998]
	F15		GenBank™ Accession No. AB018004 for Homo sapiens hdkk-4 gene, exon-2 [3 Oct. 1998]
	F16		GenBank™ Accession No. AB018005 for Homo sapiens hdkk-4 gene, exon-3, exon-4 and complete cds. [3 Oct. 1998]
	F17		GenBank™ Accession No. AB020314 for Homo sapiens Dickkopf-1 (hdkk-1- gene, exons, 1st and 2nd coding region [23 Nov. 1999]
	F18		GenBank™ Accession No. AB020315 for Homo sapiens Dickkopf-1 (hdkk-1) gene, 3rd, 4th coding region and complete cds [23 Nov. 1999]
	F19		GenBank™ Accession No. AB033208 for Homo sapiens dickkopf-2 mRNA, complete cds. [20 Oct. 1999]
	F20		GenBank™ Accession No. AB033421 for Homo sapiens dickkopf-3 mRNA, complete cds. [20 Oct. 1999]
	F21		GenBank™ Accession No. AB035180 for Homo sapiens Dickkopf-2 gene, exon [27 Nov. 1999]

Examiner	Date Considered

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APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-80	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO	SERIAL NO.
		MNI-108CP2	09/263,022
LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT: Sean A. McCarthy	
		FILING DATE: March 5, 1999	GROUP

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

	G1		GenBank™ Accession No. AB035181 for Homo sapiens Dickkopf-2 gene, exon and partial cds. [27 Nov. 1999]
	G2		GenBank™ Accession No. AB035182 for Homo sapiens Dickkopf-3 gene, partial cds. [27 Nov. 1999]
	G3		GenBank™ Accession Number AC000127 for Human Cosmid g1572c198, complete sequence [3 Feb. 1997]
	G4		GenBank™ Accession Number AC001235 for Human Chromosome 11 pac pDJ360p17; HTGS phase 1, 44 unordered pieces [18 April 1997]
	G5		GenBank™ Accession Number AC003099 for Homo sapiens chromosome 4q25, BAC clone B284B3, complete sequence [13 Nov. 1997]
	G6		GenBank™ Accession Number AF009075 for Hepatitis C virus genomic RNA, 3' nonstranslated region, partial sequence. clone #16 [9 Aug. 1997]
	G7		GenBank™ Accession Number AF021106 for Homo sapiens trinucleotide repeat CTG-11, sequence tagged site [4 April 1998]
	G8		GenBank™ Accession Number AF030155 for Drosophila melanogaster translation initiation factor eIF4G mRNA, complete cds [17 April 1998]
	G9		GenBank™ Accession Number AF030433 for Mus musculus Dickkopf-1 (mdkk-1) mRNA, complete cds [11 Feb. 1998]
	G10		GenBank™ Accession Number AF030434 for Xenopus laevis Dickkopf-1 (Xdkk-1) mRNA, complete cds [11 Feb. 1998]
	G11		GenBank™ Accession Number AF034208 for Homo sapiens RIG-like 7-1 mRNA, complete cds [29 Dec. 1997]
	G12		GenBank™ Accession Number AF052685 for Homo sapiens protocadherin 43 gene, exon 3, exon 4, and complete cds. [29 March 1998]
	G13		GenBank™ Accession No. AF116852 for Danio rerio dickkopf-1 (dkk1) mRNA, complete cds. [31 March 1999]
	G14		GenBank™ Accession No. AF127563 for Homo sapiens Sk/Dkk-1 protein precursor, mRNA, complete cds. [29 June 1999]
	G15		GenBank™ Accession No. AF177394 for Homo sapiens dickkopf-1 (DKK-1) mRNA; complete cds. [16 Oct. 1999]
	G16		GenBank™ Accession No. AF177395 for Homo sapiens dickkopf-2 (DKK-2) mRNA, complete cds. [16 Oct. 1999]
	G17		GenBank™ Accession No. AF177396 for Homo sapiens dickkopf-3 (DKK-3) mRNA, complete cds. [16 Oct. 1999]
	G18		GenBank™ Accession No. AF177397 for Homo sapiens dickkopf-4 (DKK-4); mRNA, complete cds. [16 Oct. 1999]
	G19		GenBank™ Accession No. AF177398 for Homo sapiens soggy-1 protein (SG-1) mRNA, complete cds. [16 Oct. 1999]
	G20		GenBank™ Accession No. AF177399 for Mus musculus soggy-1 protein (Sgy-1) mRNA, complete cds. [16 Oct. 1999]
	G21		GenBank™ Accession No. AF177400 for Mus musculus Dkk-3 protein (Dkk-3) mRNA, complete cds. [16 Oct. 1999]

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	H1		GenBank™ Accession Number AI004529 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1620926 3', mRNA sequence [27 Aug. 1998]
	H2		GenBank™ Accession Number AI028601 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1644098 3', mRNA sequence [27 Aug. 1998]
	H3		GenBank™ Accession Number AI037464 Soares mouse mammary gland NbMMG Mus musculus cDNA clone IMAGE:1381445 5' similar to SW:LFE4_CHICK Q90839 UNKNOWN LENS FIBER PROTEIN CLEFEST4 PRECURSOR, mRNA sequence [26 June 1998]
	H4		GenBank™ Accession Number AI066004 Stratagene mouse testis (#937308) Mus musculus cDNA clone IMAGE:515718 5' similar to TR:G517093 G517093 HYPOTHETICAL 39.2 kd protein, mRNA sequence [3 Feb. 1997]
	H5		GenBank™ Accession Number AI074879 for Soares_senescent_fibroblasts_NbHSF Homo sapiens cDNA clone IMGAE: 1667074 3', mRNA sequence [24 Sept. 1998]
	H6		GenBank™ Accession Number AI085115 for Soares_senescent_fibroblasts_NbHSF Homo sapiens cDNA clone IMAGE: 1665669 3', mRNA sequence [24 Sept. 1998]
	H7		GenBank™ Accession Number AI093106 for Soares_fetal_heart_NbHH19W Homo sapiens cDNA clone IMAGE:1694687 3', mRNA sequence [18 Aug. 1998]
	H8		GenBank™ Accession Number AI095783 for Soares_pregnant_uterus_NbHPU Homo sapiens cDNA clone IMAGE:1696830 3', mRNA sequence [5 Oct. 1998]
	H9		GenBank™ Accession Number AI107210 Stratagene mouse testis (#937308) Mus musculus cDNA clone IMAGE:516168 5' similar to TR:G517093 G517093 HYPOTHETICAL 39.2 kd protein, mRNA sequence [24 Nov. 1998]
	H10		GenBank™ Accession Number AI120461 for Soares mouse mammary gland NMLMG Mus musculus cDNA clone IMAGE:1383114 5' similar to gb:U11248 Mus musculus C57BL/6J ribosomal protein S28 mRNA, complete (MOUSE); mRNA sequence [Mus musculus] [2 Sept. 1998]
	H11		GenBank™ Accession Number AI128249 for Soares_pregnant_uterus NbHPU Homo sapiens cDNA clone IMAGE:1711454 3"; mRNA sequence [Homo sapiens] [27 Oct. 1998]
	H12		GenBank™ Accession Number AI129651 for Soares_pregnant_uterus_NbHPU Homo sapiens cDNA clone IMAGE:1712938 3', mRNA sequence [Homo sapiens][27 Oct. 1998]
	H13		GenBank™ Accession Number AI129657 for Soares_pregnant_uterus_NbHPU Homo sapiens cDNA clone IMAGE:1712950 3', mRNA sequence [Homo sapiens][27 Oct. 1998]
	H14		GenBank™ Accession Number AI136880 for UI-R-C2p-of-f-01-0-UI.sl UI-R-C2p Rattus norvegicus cDNA clone UI-R-C2p-of-f-01-0-UI e', mRNA sequeance [Rattus norvegicus][18 Sept. 1998]
	H15		GenBank™ Accession Number AI138943 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1735666 3', mRNA sequence [28 Oct. 1998]
	H16		GenBank™ Accession Number AI139919 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1737911 3' similar to SW:LFE4_CHICK Q90839 UNKNOWN LENS FIBER PROTEIN CLEFEST4 PRECURSOR, mRNA sequence [29 Oct. 1998]
	H17		GenBank™ Accession Number AI146900 for Soares_senescent_fibroblasts_NbHSF Homo sapiens cDNA clone IMAGE:1666722 3', mRNA sequence [Homo sapiens][23 Oct. 1998]
	H18		GenBank™ Accession Number AI150592 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1752164 3', mRNA sequence [10 Nov. 1998]

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	I1		GenBank™ Accession Number AI200822 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1755100 3', mRNA sequence [14 Oct. 1998]
	I2		GenBank™ Accession Number AI200868 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:1754662 3', mRNA sequence [14 Oct. 1998]
	I3		GenBank™ Accession Number AI201865 for NCI_CGAP_Pr28 Homo sapiens cDNA clone IMAGE:1944264 3', mRNA sequence [Homo sapiens][2 Dec. 1998]
	I4		GenBank™ Accession Number AJ006866 for Orthochirus scrobiculosus mRNA for insecticidal toxin, partial [27 June 1998]
	I5		GenBank™ Accession No. AJ243963 for Mus musculus mRNA for dickkopf-2 (dkk-2 gene) [4 Nov. 1999]
	I6		GenBank™ Accession No. AJ243964 for Mus musculus mRNA for dickkop-3 (dkk-3 gene) [4 Nov. 1999]
	I7		GenBank™ Accession Number AU007007 Schizosaccharomyces pombe late log phase cDNA Schizosaccharomyces pombe cDNA clone spc01322, mRNA sequence [31 July 1998]
	I8		GenBank™ Accession Number AU007010 Schizosaccharomyces pombe late log phase cDNA Schizosaccharomyces pombe cDNA clone spc04811, mRNA sequence [31 July 1998]
	I9		GenBank™ Accession Number AU009349 Schizosaccharomyces pombe late log phase cDNA Schizosaccharomyces pombe cDNA clone spc01322, mRNA sequence [31 July 1998]
	I10		GenBank™ Accession Number B24434 for Arabidopsis thalia genomic clone F20C17, genomic survey sequence [9 Oct. 1997]
	I11		GenBank™ Accession Number B39066 for Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 771 Col=13 Row=C, genomic survey sequence [17 Oct. 1997]
	I12		GenBank™ Accession No. BAA33475 for hdkk-4 [23 Nov. 1999]
	I13		GenBank™ Accession No. BAA34651 for homologue of mouse dkk- gene:Acc# AF030433 [23 Nov. 1999]
	I14		GenBank™ Accession No. BAA85465 for Dickkopf-2 [20 Oct. 1999]
	I15		GenBank™ Accession No. BAA85488 for Dickkopf-3 [20 Oct. 1999]
	I16		GenBank™ Accession No. BAA87044 for Dickkopf-3 [27 Nov. 1999]
	I17		GenBank™ Accession No. BAA87056 for Dickkopf-2 [27 Nov. 1999]
	I18		GenBank™ Accession Number C89869 for Dictyostelium discoideum SS (H.Urushihara) Dictyostelium discoideum cDNA clone SSG557, mRNA sequence [20 April 1998]
	I19		DDBJ™ (DNA Database of Japan) Accession Number C94299 for Dictyostelium discoideum SS (H.Urushihara) Dictyostelium discoideum cDNA clone SSK759, mRNA sequence [15 June 1998]
	I20		GenBank™ Accession No. CAB60110 dickkopf-2 [4 Nov. 1999]

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	J1		GenBank™ Accession No. CAB60111 for dickkopf-3 [4 Nov. 1999]
	J2		GenBank™ Accession Number D26311 for Chicken mRNA for unknown protein, complete cds [12 Dec. 1996]
	J3		DDBJ™ (DNA Database of Japan) ™ Accession Number D63286 for Clontech human placenta polyA+ mRNA (#6572) Homo sapiens cDNA clone 5' GEN-517H04 5', mRNA sequence [29 Aug. 1995]
	J4		GenBank™ Accession Number D67096 for Hepatitis C virus genome, 3' terminus [14 Aug. 1996]
	J5		GenBank™ Accession Number D85016 for Non-A non-B hepatitis virus genomic RNA for 3' UTR [8 Oct. 1996]
	J6		GenBank™ Accession Number D85017 for Non-A non-B hepatitis virus gennomic RNA for 3' UTR [8 Oct. 1996]
	J7		GenBank™ Accession Number D85020 for Non-A non-B hepatitis virus genomic RNA for 3' UTR [8 Oct. 1996]
	J8		GenBank™ Accession Number D85021 for Non-A non-B hepatitis virus genomic RNA for 3' UTR [8 Oct. 1996]
	J9		GenBank™ Accession Number D85022 for Non-A non-B hepatitis virus genomic RNA for 3' UTR [8 Oct. 1996]
	J10		GenBank™ Accession Number D85024 for Non-A non-B hepatitis virus genomic RNA for 3' UTR [8 Oct. 1996]
	J11		GenBank™ Accession Number D85025 for Non-A non-B hepatitis virus genomic RNA for 3' UTR [8 Oct. 1996]
	J12		GenBank™ Accession Number F06027 Normalized infant brain cDNA Homo sapiens cDNA clone c-0ud06, mRNA sequence [19 Feb. 1995]
	J13		GenBank™ Accession Number F08729 Normalized infant brain cDNA Homo sapiens cDNA clone c-15d12, mRNA sequence [20 Feb. 1995]
	J14		GenBank™ Accession Number G05905 for human STS WI-6501 [19 Oct. 1995]
	J15		GenBank™ Accession Number H71273 for Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone 229921 5', mRNA sequence [26 Oct. 1995]
	J16		GenBank™ Accession Number H83446 for Soares melanocyte 2NbHM Homo sapiens cDNA clone IMAGE:249345 3', mRNA sequence [13 Nov. 1995]
	J17		GenBank™ Accession Number H83554 for Soares melanocyte 2NbHM Homo sapiens cDNA clone IMAGE:249345 5'; mRNA sequence [13 Nov. 1995]
	J18		GenBank™ Accession Number H99266 for Soares melanocyte 2NbHM Homo sapiens cDNA clone 260362 3', mRNA sequence [15 Dec. 1995]
	J19		GenBank™ Accession Number I80064 for Sequence 37 from patent US 5708157 [20 March 1998]
	J20		GenBank™ Accession Number L17318 for Rattus norvegicus proline-rich proteoglycan (PRG2) mRNA, complete cds [27 Oct. 1993]

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	K1		GenBank™ Accession Number L47975 Equus caballus TATA-box binding protein (TBP) gene, partial cds [1 April 1996]
	K2		GenBank™ Accession Number L49359 Homo sapiens huntingtin gene, partial exon [19 Jan. 1996]
	K3		GenBank™ Accession Number M29111 for D.discoideum actin A-2-sub-2 gene, 5' flank [15 March 1990]
	K4		GenBank™ Accession Number M29121 for D.discoideum actin A-11 gene, 5' flank [15 March 1990]
	K5		GenBank™ Accession Number M32514 Rat simple sequence DNA, clone 5 [15 Sept. 1990]
	K6		GenBank™ Accession Number M32515 Rat simple sequence DNA, clone 8 [15 Sept. 1990]
	K7		GenBank™ Accession Number M36626 Rat simple sequence DNA, clone 5 [15 Sept. 1990]
	K8		GenBank™ Accession Number M64793 M36414 for Rat salivary proline-rich protein (RP15) gene, complete cds [9 May 1991]
	K9		GenBank™ Accession Number M95930 for Manihot esculenta (clone rubssr37) ribulose-1, 5-bisphosphate caraboxylase/oxygenase small subunit EC 4.1.1.39 (rbc S) mRNA sequence [26 June 1992]
	K10		GenBank™ Accession Number M98807 for Xenopus laevis noggin mRNA, complete cds [14 Oct. 1992]
	K11		GenBank™ Accession Number N26884 for Soares melanocyte 2NbHM Homo sapiens cDNA clone IMAGE:269713 3', mRNA sequence [29 Dec. 1995]
	K12		GenBank™ Accession Number N94525 for Soares_senescent_fibroblasts_NbHSF Homo sapiens cDNA clone 309678 3', mRNA sequence [20 Aug. 1996]
	K13		GenBank™ Accession Number P18563 for integrin subunit Beta 6 [Cavia porcellus][15 July 1999]
	K14		GenBank™ Accession Number Q90839 Unknown lens fiber protein CLFEST4 precursor [1 Nov. 1997]
	K15		GenBank™ Accession Number R14945 for Soares infant brain 1NIB Homo sapiens cDNA clone IMAGE:30231 5', mRNA sequence [13 April 1995]
	K16		GenBank™ Accession Number R27865 for Soares placenta Nb2HP Homo sapiens cDNA clone IMAGE:133741 5', mRNA sequence [25 April 1995]
	K17		GenBank™ Accession Number R32328 for Soares placenta Nb2HP Homo sapiens cDNA clone IMAGE:134911 3' similar to gb:X70218 PROTEIN PHOSPHATASE PP-X (HUMAN); contains L1 repetitive element, mRNA sequence [28 April 1995]
	K18		GenBank™ Accession Number R52311 for Soares infant brain 1NIB Homo sapiens cDNA clone IMAGE:39710 5', mRNA sequence [18 May 1995]
	K19		GenBank™ Accession Number R54473 for Soares infant brain 1NIB Homo sapiens cDNA clone IMAGE:39710 3', mRNA sequence [18 May 1995]
	K20		GenBank™ Accession Number T02494 for Debopam Chakrabarti Plasmodium falciparum cDNA clone PF0093C, mRNA sequence [Plasmodium falciparum] [26 May 1992]

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	L1		GenBank™ Accession Number U32331 for Homo sapiens RIG mRNA, complete cds [17 Sept. 1998]
	L2		GenBank™ Accession Number U38801 for Rattus norvegicus high molecular weight DNA polymerase beta (rnpolb) mRNA, complete cds [21 May 1996]
	L3		GenBank™ Accession Number U83980 for Oncorhynchus mykiss cytochrome c oxidase subunit VIa mRNA, complete cds. [31 May 1997]
	L4		GenBank™ Accession Number V00185 J01268 for Slime mold (D. discoideum) gene for actin 2 sub2 [6 July 1989]
	L5		GenBank™ Accession Number W10587 Soares mouse p3NMF19.5 Mus musculus cDNA clone IMAGE:313054 5', mRNA sequence [01 Oct. 1997]
	L6		GenBank™ Accession Number W30750 for Soares_senescent_fibroblasts_NbHSF Homo sapiens cDNA clone IMAGE:309678 5', mRNA sequence [20 Aug. 1996]
	L7		GenBank™ Accession Number W39572 for Soares_senescent_fibroblasts_NbHSF Homo sapiens cDNA clone 322829 5', mRNA sequence [10 Oct. 1996]
	L8		GenBank™ Accession Number W39690 for Soares_senescent_fibroblasts_NbHSF Homo sapiens cDNA clone IMAGE:322977 5', mRNA sequence [10 Oct. 1996]
	L9		GenBank™ Accession Number W45045 for Soares_senescent_fibroblasts_NbHSF Homo sapiens cDNA IMAGE:clone 322981 3', mRNA sequence [10 Oct. 1996]
	L10		GenBank™ Accession Number W45126 for Soares_senescent_fibroblasts_NbHSF Homo sapiens cDNA clone 322864 3', mRNA sequence [10 Oct. 1996]
	L11		GenBank™ Accession Number W46824 for Soares_senescent_fibroblasts_NbHSF Homo sapiens cDNA clone IMAGE:324601 3', mRNA sequence [23 May 1996]
	L12		GenBank™ Accession Number W46873 for Soares_senescent_fibroblasts_NbHSF Homo sapiens cDNA clone IMAGE:324601 5', mRNA sequence [23 May 1996]
	L13		GenBank™ Accession Number W51876 for Soares_senescent_fibroblasts_NbHSF Homo sapiens cDNA clone 324400 3', mRNA sequence [25 Nov. 1996]
	L14		GenBank™ Accession Number W55979 for Soares_senescent_fibroblasts_NBhh19w Homo sapiens cDNA clone 340680 5', mRNA sequence [15 Oct. 1996]
	L15		GenBank™ Accession Number W61032 for Soares_senescent_fibroblasts_NBHSF Homo sapiens cDNA clone 326135 5' similar to contains element MER22 repetitive element; mRNA sequence [11 Oct. 1996]
	L16		GenBank™ Accession Number W61716 for Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone IMAGE:372542 5' similar to gb:U01317_cds4 HEMOGLOBIN DELTA CHAIN (HUMAN); gb:V00722 Mouse gene for beta-1-globin (MOUSE) [7 June 1996]
	L17		GenBank™ Accession Number W72126 for Soares_fetal_heart_NbHH19W Homo sapiens cDNA clone 345970 3', mRNA sequence [17 Oct. 1996]
	L18		GenBank™ Accession Number W79975 for Soares mouse embryo NbME13.5 14.5 Mus musculus cDNA clone 402616 5', mRNA sequence [25 June 1996]
	L19		GenBank™ Accession Number X78612 for G.gallus genomic DNA repeat region, clone 12F6 [6 April 1994]
	L20		GenBank™ Accession Number Z31224 Mouse testis t-ZAP Mus musculus cDNA, mRNA sequence [24 Jan. 1995]

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	M1		GenSeq™ Accession Number V38798 for Homo sapiens cerebellum and embryo specific protein [9 Nov. 1998]
	M2		GenSeq™ Accession Number X22249 for Human secreted protein gene 39 clone HPMBZ15 [18 May 1999]
	M3		GenSeq™ Accession Number X51459 for Human secreted protein 5' EST SEQ ID NO:38 [21 June 1999]
	M4		GenSeq™ Accession Number X52255 for Protein PRO295 cDNA clone DNA38268-1188 [25 June 1999]
	M5		GenSeq™ Accession Number X56830 for Human phdkk-2 cDNA [14 July 1999]
	M6		GenSeq™ Accession Number X97746 for Extended human secreted protein coding sequence, SEQ ID NO:311 [13 Sept. 1999]
	M7		George et al. "Current methods in sequence comparison and analysis" in Macromolecular Sequencing and Synthesis Selected Methods and Applications (D.H. Schlesinger, ed., Alan R. Liss, Inc., New York, NY, March 1988) pp. 127-49
	M8		Glinka, Andrei et al. "Dickkopf-1 is a member of a new family of secreted roteins and functions in head induction" *Nature* 391(6665):357-62 (Jan. 22, 1998)
	M9		Grotewold, L. *et al.* "Expression pattern of *Dkk*-1 during mouse limb development" *Mech. Dev.* 89:151-153 (1999)
	M10		Klein R.D. et al. "Selection for genes encoding secreted proteins and receptors" *Pro. Natl. Acad. Sci. USA* 93:7108-7113 (1996)
	M11		Krupnick, Valery E. et al. "Functional and structural diversity of the human Dickkopf gene family" *Gene* 238(2):301-13 (Oct. 1, 1999)
	M12		Lennon et al. "The I.M.A.G.E. Consortium: an integrated molecular analysis of genomes and their expression" *Genomics* 33(1):151-52 (Apr. 1, 1996)
	M13		Ligon, A.H. et al. "Identification of a novel gene product, *RIG*, that is down-regulated in human glioblastoma" *Oncogene* 14(9):1075-1081 (1997);
	M14		Lodish et al. Molecular Cell Biology, 3rd Edition (W.H. Freeman & Co., March 1995), p. 266.
	M15		Monaghan, A.P. et al. "*Dickkopf* genes are co-ordinately expressed in mesodermal lineages", *Mech. Dev.* 87(1-2):45-56 (1999)
	M16		Ngo et al. The Protein Folding Problem and Tertiary Structure Prediction (Merz & Le Grand Eds., Springer Derlag, 1994) pp. 433, 492-95
	M17		Nusse, R. et al. "Wnt genes" *Cell,* 69:1073-1087 (1992)
	M18		Parr, B.A. et al. "Wnt genes and vertebrate development" *Current Opinion in Genetics and Development* 4:523-528 (1994)
	M19		Results of BLASTN Search of GenBank™ Non-Redundant EST Database (dbEST) using human CRSP-2 Nucleic Acid Sequence
	M20		Results of BLASTN Search of GenBank™ Non-Redundant Nucleic Acid Database (nuc) using human CRSP-2 Nucleic Acid Sequence

Examiner	Date Considered

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APPLICANT FACSIMILE OF FORM PTO-1449 REV 7-80	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO	SERIAL NO.
LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		MNI-108CP2	09/263,022
		APPLICANT: Sean A. McCarthy	
		FILING DATE: March 5, 1999	GROUP

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

	N1		Results of BLASTX Search of GenBank™ Non-Redundant Protein Database (prot) using human CRSP-2 Nucleic Acid Sequence
	N2		Results of BLASTN Search of GenBank™ Non-Redundant EST Database (dbEST) using human CRSP-3 Nucleic Acid Sequence;
	N3		Results of BLASTN Search of GenBank™ Non-Redundant Nucleic Acid Database (nuc) using human CRSP-3 Nucleic Acid Sequence;
	N4		Results of BLASTX Search of GenBank™ Non-Redundant Protein Database (prot) using human CRSP-3 Nucleic Acid Sequence;
	N5		Results of BLASTN Search of GenBank™ Non-Redundant EST Database (dbEST) using human CRSP-N Nucleic Acid Sequence;
	N6		Results of BLASTN Search of GenBank™ Non-Redundant Nucleic Acid Database (nuc) using human CRSP-N Nucleic Acid Sequence;
	N7		Results of BLASTX Search of GenBank™ Non-Redundant Protein Database (prot) using human CRSP-N Nucleic Acid Sequence;
	N8		Results of BLASTN Search of GenBank™ Non-Redundant EST Database (dbEST) using human CRSP-4 Nucleic Acid Sequence;
	N9		Results of BLASTN Search of GenBank™ Non-Redundant Nucleic Acid Database (nuc) using human CRSP-4 Nucleic Acid Sequence;
	N10		Results of BLASTX Search of GenBank™ Non-Redundant Protein Database (prot) using human CRSP-4 Nucleic Acid Sequence;
	N11		Sambrook et al. Molecular Cloning: A Laboratory Manual, Second Edition, Vol. 1, 2 & 3 (Cold Spring Harbor Laboratory Press, Cold Spring Harbor, New York, Nov. 1989) p. 9.5
	N12		Sawada, K. et al. "Characterization of termanally differentiated cell state by categorizing cDNA clones derived from chicken lens fibers" *Intl. J. Dev. Biol.* 40:531-535 (1996)
	N13		Tate, G. and T. Mitsuya, "Human Dickkopf as well as DAN Family Members, Cerbeus and Gremlin, are preferentially expressed in epithelial malignent cell lines" *J. Biochem. Mol. Biol. & Biophys.* 3:239-242 (1999)
	N14		Van Tilbeurgh, H. et al. "Colipase: structure and interaction with pancreatic lipase" *Biochim. Biophys. Acta* 1441:173-184 (1999)

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